AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-18 **(Cancelled)**

19. **(Currently Amended)** A video decoder for decoding an encoded bitstream of video data, comprising:

a motion compensation unit for calculating a position for a sample image portion with a motion vector and rounding information in the bitstream, and rounding the calculated position with ~~a~~ the rounding information, the rounding information indicating accuracy for rounding and being decoded from the bitstream; and

an image reconstruction unit for reconstructing a decoded image portion of the video data from the sample image portion.

20. **(Previously Presented)** The video decoder according to claim 19, wherein the motion compensation unit employs plural motion vectors to transform a reference portion into a transformed image portion as the reference image portion, the reference image portion being decoded from the encoded bitstream.

21. **(Previously Presented)** The video decoder according to claim 20, wherein the motion compensation unit magnifies the reference image portion based on the motion parameters to produce the sample image portion.

22. **(Previously Presented)** The video decoder according to claim 20, wherein the motion compensation unit rotates the reference image portion based on the motion parameters to produce the sample image portion.

23. **(Previously Presented)** The video decoder according to claim 19, wherein the rounding information indicates one of half-pel precision and quarter-pel precision.

24. **(Previously Presented)** The video decoder according to claim 19, wherein the encoded bitstream is formatted by MPEG video format.

25. **(Currently Amended)** A video decoding method for decoding a bitstream of video data having motion vectors and rounding information, comprising:

a step for calculating a sample position on a reference image portion with a motion vector, the motion vector being comprised in the bitstream;

a step for rounding the calculated position according to rounding information, the rounding information being extracted from the bitstream;

a step for producing a decoded image from the reference image portion indicated by the calculated position rounded by the step for rounding.

26. **(Previously Presented)** The video decoding method according to claim 25, wherein the step for calculating employs plural motion vectors.

27. **(Previously Presented)** The video decoding method according to claim 26, wherein the step for calculating calculates the sample position for each pel so that the calculated sample positions are rotated with respected to positions of pels in the decoded image.

28. **(Previously Presented)** The video decoding method according to claim 25, wherein the step for calculating calculates the sample position for each pel so that the calculated sample positions are magnified with respect to portions of pels in the decoded image.

29. **(Previously Presented)** The video decoding method according to claim 25, wherein the rounding information indicates either a half-pel precision or a quarter-pel precision.

30. **(Previously Presented)** The video decoding method according to claim 25, wherein the bit stream is formatted as MPEG.